

Title (en)
FLUORESCENT INDICATOR USING FRET

Title (de)
FLUORESZENZINDIKATOR MIT VERWENDUNG VON FRET

Title (fr)
INDICATEUR FLUORESCENT UTILISANT LE FRET

Publication
EP 1571448 A4 20061108 (EN)

Application
EP 03778776 A 20031210

Priority
• JP 0315790 W 20031210
• JP 2002357768 A 20021210

Abstract (en)
[origin: EP1571448A1] It is an object of the present invention to provide a fluorescent indicator that is based on homo FRET (fluorescence resonance energy transfer) using fluorescent molecules with a small stokes' shift, thereby developing a visualization system for intermolecular interaction. The present invention provides a fluorescent indicator formed by fusing fluorescent molecular components having substantially identical fluorescent properties to the N- and C-terminal sides of a target sequence, to which an analytical substance binds or reacts, so as to change the three-dimensional structure of the indicator. <IMAGE>

IPC 1-7
G01N 33/68; **G01N 33/483**; **C12N 15/09**; **C12N 1/21**; **C12N 5/10**; **C07K 14/435**

IPC 8 full level
G01N 21/64 (2006.01); **C07K 14/435** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **G01N 21/78** (2006.01); **G01N 33/483** (2006.01); **G01N 33/542** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)
C07K 14/43595 (2013.01 - EP US); **G01N 33/542** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US); **C07K 2319/05** (2013.01 - EP US); **C07K 2319/06** (2013.01 - EP US); **C07K 2319/07** (2013.01 - EP US); **C07K 2319/09** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1571448 A1 20050907; **EP 1571448 A4 20061108**; JP 2004187544 A 20040708; JP 4214206 B2 20090128; US 2006275822 A1 20061207; WO 2004053499 A1 20040624

DOCDB simple family (application)
EP 03778776 A 20031210; JP 0315790 W 20031210; JP 2002357768 A 20021210; US 53877203 A 20031210